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NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 SEP 09 CA/CAPLUS records now contain indexing from 1907 to the
present
NEWS 4 AUG 05 New pricing for EUROPATFULL and PCTFULL effective
August 1, 2003
NEWS 5 AUG 13 Field Availability (/FA) field enhanced in BEILSTEIN
NEWS 6 AUG 18 Data available for download as a PDF in RDISCLOSURE
NEWS 7 AUG 18 Simultaneous left and right truncation added to PASCAL
NEWS 8 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right
Truncation
NEWS 9 AUG 18 Simultaneous left and right truncation added to ANABSTR
NEWS 10 SEP 22 DIPPR file reloaded
NEWS 11 DEC 08 INPADOC: Legal Status data reloaded
NEWS 12 SEP 29 DISSABS now available on STN
NEWS 13 OCT 10 PCTFULL: Two new display fields added
NEWS 14 OCT 21 BIOSIS file reloaded and enhanced
NEWS 15 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced
NEWS 16 NOV 24 MSDS-CCOHS file reloaded
NEWS 17 DEC 08 CABA reloaded with left truncation
NEWS 18 DEC 08 IMS file names changed
NEWS 19 DEC 09 Experimental property data collected by CAS now available
in REGISTRY
NEWS 20 DEC 09 STN Entry Date available for display in REGISTRY and CA/CAPLUS
NEWS 21 DEC 17 DGENE: Two new display fields added
NEWS 22 DEC 18 BIOTECHNO no longer updated

NEWS EXPRESS NOVEMBER 14 CURRENT WINDOWS VERSION IS V6.01c, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 15:07:49 ON 18 DEC 2003

=> file medline, dgene, wpids, uspatful, biosis
COST IN U.S. DOLLARS

| SINCE FILE | TOTAL |
|------------|---------|
| ENTRY | SESSION |
| 0.21 | 0.21 |

FULL ESTIMATED COST

FILE 'MEDLINE' ENTERED AT 15:08:02 ON 18 DEC 2003

FILE 'DGENE' ENTERED AT 15:08:02 ON 18 DEC 2003
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CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'BIOSIS' ENTERED AT 15:08:02 ON 18 DEC 2003
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=> s testicular cancer and treatment
L1 8223 TESTICULAR CANCER AND TREATMENT

=> s polpeptide and l1
L2 4 POLPEPTIDE AND L1

=> d l2 ti abs ibib tot

L2 ANSWER 1 OF 4 USPATFULL on STN

TI Human tumor necrosis factor receptor TR9

AB The present invention relates to a novel member of the tumor necrosis factor family of receptors. In particular, isolated nucleic acid molecules are provided encoding the human TR9 receptor. TR9 polypeptides are also provided as are vectors, host cells and recombinant methods for producing the same. The invention further relates to screening methods for identifying agonists and antagonists of TR9 receptor activity.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:300816 USPATFULL

TITLE: Human tumor necrosis factor receptor TR9

INVENTOR(S): Ni, Jian, Germantown, MD, UNITED STATES
Yu, Guo-Liang, Berkeley, CA, UNITED STATES
Fan, Ping, Potomac, MD, UNITED STATES
Gentz, Reiner L., Rockville, MD, UNITED STATES

PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|---|------|---------------|
| PATENT INFORMATION: | US 2002168359 | A1 | 20021114 |
| APPLICATION INFO.: | US 2002-41574 | A1 | 20020110 (10) |
| RELATED APPLN. INFO.: | Division of Ser. No. US 2000-527236, filed on 16 Mar 2000, PATENTED Continuation-in-part of Ser. No. US 1998-95094, filed on 10 Jun 1998, PENDING | | |

| | NUMBER | DATE |
|-----------------------|-----------------|---------------|
| PRIORITY INFORMATION: | US 1999-134220P | 19990514 (60) |
| | US 1999-126019P | 19990324 (60) |
| | US 1997-52991P | 19970611 (60) |

DOCUMENT TYPE:

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: 24
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 11 Drawing Page(s)
LINE COUNT: 9755
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 2 OF 4 USPATFULL on STN

TI Novel inhibitor of hepatocyte growth factor activator for use in modulation of angiogenesis and cardiovascularization
AB Compositions and methods are disclosed for stimulating or inhibiting angiogenesis and/or cardiovascularization in mammals, including humans. Pharmaceutical compositions are based on polypeptides or antagonists thereto that have been identified for one or more of these uses. Disorders that can be diagnosed, prevented, or treated by the compositions herein include trauma such as wounds, various cancers, and disorders of the vessels including atherosclerosis and cardiac hypertrophy.

In addition, the present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:227938 USPATFULL
TITLE: Novel inhibitor of hepatocyte growth factor activator for use in modulation of angiogenesis and cardiovascularization
INVENTOR(S): Gurney, Austin L., Belmont, CA, UNITED STATES
Kirchhofer, Daniel K., Los Altos, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
PATENT ASSIGNEE(S): GENENTECH, INC. (U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 2002123091 | A1 | 20020905 |
| APPLICATION INFO.: | US 2000-742201 | A1 | 20001219 (9) |

| | NUMBER | DATE |
|-----------------------|--|---------------|
| PRIORITY INFORMATION: | WO 2000-US3565 | 20000211 |
| | WO 2000-US6884 | 20000315 |
| | US 2000-253665P | 20001128 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | GENENTECH, INC., 1 DNA WAY, SOUTH SAN FRANCISCO, CA, 94080 | |
| NUMBER OF CLAIMS: | 54 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 5 Drawing Page(s) | |
| LINE COUNT: | 6377 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 3 OF 4 USPATFULL on STN

TI Nucleic acids, proteins, and antibodies
AB The present invention relates to novel respiratory system related polynucleotides and the polypeptides encoded by these polynucleotides herein collectively known as "respiratory system antigens," and the use of such respiratory system antigens for detecting disorders of the respiratory system, particularly the presence of cancer of respiratory system tissues and cancer metastases. More specifically, isolated

respiratory system associated nucleic acid molecules are provided encoding novel respiratory system associated polypeptides. Novel respiratory system polypeptides and antibodies that bind to these polypeptides are provided. Also provided are vectors, host cells, and recombinant and synthetic methods for producing human respiratory system associated polynucleotides and/or polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing, treating, preventing and/or prognosing disorders related to the respiratory system, including cancer of respiratory system tissues, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The present invention further relates to methods and/or compositions for inhibiting the production and function of the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:165192 USPATFULL
TITLE: Nucleic acids, proteins, and antibodies
INVENTOR(S): Rosen, Craig A., Laytonsville, MD, UNITED STATES
Ruben, Steven M., Olney, MD, UNITED STATES
Barash, Steven C., Rockville, MD, UNITED STATES

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 2002086821 | A1 | 20020704 |
| | US 2003125246 | A9 | 20030703 |
| APPLICATION INFO.: | US 2001-764881 | A1 | 20010117 (9) |

| | NUMBER | DATE |
|-----------------------|---|---------------|
| PRIORITY INFORMATION: | US 2000-179065P | 20000131 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850 | |
| NUMBER OF CLAIMS: | 24 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 27531 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 4 OF 4 USPATFULL on STN

TI Antibodies to human tumor necrosis factor receptor TR9
AB The present invention relates to a novel member of the tumor necrosis factor family of receptors. In particular, isolated nucleic acid molecules are provided encoding the human TR9 receptor. TR9 polypeptides are also provided as are antibodies vectors, host cells and recombinant methods for producing the same. The invention further relates to screening methods for identifying agonists and antagonists of TR9 receptor activity.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:57390 USPATFULL
TITLE: Antibodies to human tumor necrosis factor receptor TR9
INVENTOR(S): Ni, Jian, Rockville, MD, United States
Yu, Guo-Liang, Berkeley, CA, United States
Fan, Ping, Gaithersburg, MD, United States
Gentz, Reiner L., Rockville, MD, United States
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 6358508 | B1 | 20020319 |
| APPLICATION INFO.: | US 2000-527236 | | 20000316 (9) |

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1998-95094, filed on 10 Jun 1998

| | NUMBER | DATE |
|--|--|---------------|
| PRIORITY INFORMATION: | US 1997-52991P | 19970611 (60) |
| | US 1999-126019P | 19990324 (60) |
| | US 1999-134220P | 19990514 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | GRANTED | |
| PRIMARY EXAMINER: | Spector, Lorraine | |
| ASSISTANT EXAMINER: | O'Hara, Eileen B. | |
| LEGAL REPRESENTATIVE: | Human Genome Sciences, Inc. | |
| NUMBER OF CLAIMS: | 10 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 11 Drawing Figure(s); 11 Drawing Page(s) | |
| LINE COUNT: | 8936 | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | |

=> s secreted proteins
L3 252071 SECRETED PROTEINS

=> s l3 and l1
L4 382 L3 AND L1

=> s l4 and l2
L5 4 L4 AND L2

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L5 ANSWER 1 OF 4 USPATFULL on STN
TI Human tumor necrosis factor receptor TR9
AB The present invention relates to a novel member of the tumor necrosis factor family of receptors. In particular, isolated nucleic acid molecules are provided encoding the human TR9 receptor. TR9 polypeptides are also provided as are vectors, host cells and recombinant methods for producing the same. The invention further relates to screening methods for identifying agonists and antagonists of TR9 receptor activity.

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INVENTOR(S): Ni, Jian, Germantown, MD, UNITED STATES
Yu, Guo-Liang, Berkeley, CA, UNITED STATES
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Gentz, Reiner L., Rockville, MD, UNITED STATES
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)

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| PATENT INFORMATION: | US 2002168359 | A1 | 20021114 |
| APPLICATION INFO.: | US 2002-41574 | A1 | 20020110 (10) |
| RELATED APPLN. INFO.: | Division of Ser. No. US 2000-527236, filed on 16 Mar 2000, PATENTED Continuation-in-part of Ser. No. US 1998-95094, filed on 10 Jun 1998, PENDING | | |

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| | US 1999-126019P | 19990324 (60) |
| | US 1997-52991P | 19970611 (60) |
| DOCUMENT TYPE: | Utility | |

FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,
ROCKVILLE, MD, 20850
NUMBER OF CLAIMS: 24
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 11 Drawing Page(s)
LINE COUNT: 9755
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 2 OF 4 USPATFULL on STN

TI Novel inhibitor of hepatocyte growth factor activator for use in
modulation of angiogenesis and cardiovascularization
AB Compositions and methods are disclosed for stimulating or inhibiting
angiogenesis and/or cardiovascularization in mammals, including humans.
Pharmaceutical compositions are based on polypeptides or antagonists
thereto that have been identified for one or more of these uses.
Disorders that can be diagnosed, prevented, or treated by the
compositions herein include trauma such as wounds, various cancers, and
disorders of the vessels including atherosclerosis and cardiac
hypertrophy.

In addition, the present invention is directed to novel polypeptides and
to nucleic acid molecules encoding those polypeptides. Also provided
herein are vectors and host cells comprising those nucleic acid
sequences, chimeric polypeptide molecules comprising the polypeptides of
the present invention fused to heterologous polypeptide sequences,
antibodies which bind to the polypeptides of the present invention and
to methods for producing the polypeptides of the present invention.

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ACCESSION NUMBER: 2002:227938 USPATFULL
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for use in modulation of angiogenesis and
cardiovascularization
INVENTOR(S): Gurney, Austin L., Belmont, CA, UNITED STATES
Kirchhofer, Daniel K., Los Altos, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
PATENT ASSIGNEE(S): GENENTECH, INC. (U.S. corporation)

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| APPLICATION INFO.: | US 2000-742201 | A1 | 20001219 (9) |

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| | WO 2000-US6884 | 20000315 |
| | US 2000-253665P | 20001128 (60) |

DOCUMENT TYPE: Utility
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L5 ANSWER 3 OF 4 USPATFULL on STN

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CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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 INVENTOR(S): Rosen, Craig A., Laytonsville, MD, UNITED STATES
 Ruben, Steven M., Olney, MD, UNITED STATES
 Barash, Steven C., Rockville, MD, UNITED STATES

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| PATENT INFORMATION: | US 2002086821 | A1 | 20020704 |
| | US 2003125246 | A9 | 20030703 |
| APPLICATION INFO.: | US 2001-764881 | A1 | 20010117 (9) |

| | NUMBER | DATE |
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| PRIORITY INFORMATION: | US 2000-179065P | 20000131 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850 | |
| NUMBER OF CLAIMS: | 24 | |
| EXEMPLARY CLAIM: | 1 | |
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CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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 Fan, Ping, Gaithersburg, MD, United States
 Gentz, Reiner L., Rockville, MD, United States
 PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, United States (U.S. corporation)

| NUMBER | KIND | DATE |
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|--------|------|------|

PATENT INFORMATION: US 6358508 B1 20020319
 APPLICATION INFO.: US 2000-527236 20000316 (9)
 RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1998-95094, filed
 on 10 Jun 1998

| | NUMBER | DATE |
|--|--|---------------|
| PRIORITY INFORMATION: | US 1997-52991P | 19970611 (60) |
| | US 1999-126019P | 19990324 (60) |
| | US 1999-134220P | 19990514 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | GRANTED | |
| PRIMARY EXAMINER: | Spector, Lorraine | |
| ASSISTANT EXAMINER: | O'Hara, Eileen B. | |
| LEGAL REPRESENTATIVE: | Human Genome Sciences, Inc. | |
| NUMBER OF CLAIMS: | 10 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 11 Drawing Figure(s); 11 Drawing Page(s) | |
| LINE COUNT: | 8936 | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | |

=> e ruben, s/au

| | | |
|-----|-------|-------------------------|
| E1 | 1 | RUBEN ZANCHETTA JOSE/AU |
| E2 | 2 | RUBEN ZORRO/AU |
| E3 | 0 --> | RUBEN, S/AU |
| E4 | 8 | RUBENACH B/AU |
| E5 | 8 | RUBENACH BERNHARD/AU |
| E6 | 1 | RUBENACH GERZ K/AU |
| E7 | 1 | RUBENACH I/AU |
| E8 | 1 | RUBENACH J/AU |
| E9 | 6 | RUBENACH S/AU |
| E10 | 4 | RUBENACH SALLY/AU |
| E11 | 1 | RUBENACH SALLY E/AU |
| E12 | 1 | RUBENACK R D/AU |

=> e rosen, c/au

| | | |
|-----|-------|------------------------|
| E1 | 2 | ROSEN ZVI MICHAL/AU |
| E2 | 1 | ROSEN ZWEIG JAMES/AU |
| E3 | 0 --> | ROSEN, C/AU |
| E4 | 1 | ROSENA BRUCE R/AU |
| E5 | 1 | ROSENABUM S/AU |
| E6 | 1 | ROSENACKER A F/AU |
| E7 | 1 | ROSENACKER ARTHUR F/AU |
| E8 | 4 | ROSENADA CEPERO R/AU |
| E9 | 1 | ROSENAGER L/AU |
| E10 | 1 | ROSENAK B/AU |
| E11 | 40 | ROSENAK B D/AU |
| E12 | 15 | ROSENAK D/AU |